

REMARKS

Applicants respectfully request reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow. After amending the claims as set forth above, claims 11-26 are now pending in this application.

Applicants wish to thank the Examiner for the careful consideration given to the claims.

Amendments to the specification have been made so as to place the written description into a more conventional format.

Information Disclosure Statement

Applicants respectfully request that the Information Disclosure Statement (IDS) filed on February 20, 2008, be considered, initialed, and signed, and a copy of the initial and signed IDS accompany the next office communication.

Rejection of claims 1-10 based on prior art

Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 5,230,966 ("Voss"). Claims 1-10 have been canceled, which renders the rejection of these claims moot. For at least this reason, favorable reconsideration of the rejection is respectfully requested.

Rejection of claim 10 based on 35 U.S.C. 112 and 101

Claim 10 is rejected under 35 U.S.C. 112 and 101. Claim 10 has been canceled, which renders the rejections of this claim moot. For at least this reason, favorable reconsideration of the rejections is respectfully requested.

Claim objection

Claim 1 is objected to for minor informalities. Claim 1 has been canceled, which renders the objection of this claim moot. For at least this reason, favorable reconsideration of the objection is respectfully requested.

Allowability of claims 11-24

Claim 11 recites, among other things, a heat exchanger with a disk structure comprising: a plurality of disks; a heat transfer medium inlet; a heat transfer medium outlet; and a first set of at least two heat transfer medium ducts. Each pair of adjacent disks defines

an intermediate space through which a heat transfer medium is configured to flow. The first set of at least two heat transfer medium ducts is in fluid communication between each intermediate space and one of the heat transfer medium inlet and the heat transfer medium outlet. The first set of at least two heat transfer medium ducts run perpendicular to the plane of the disks. Voss does not teach or suggest this combination of features.

For instance, Fig. 4 of Voss depicts a plate 32 and/or a plate 34 with a major plate surface 59 having machined, stamped or molded open-faced fluid flow channels 61, 63, 65 throughout the central portion of the plate. (Column 6, lines 18-27 of Voss.) The coolant inlet or manifold 60 is connected to two fluid distribution channels 61, which run along the perimeter 7 of the plate 34 while a sealant channel 64 circumscribes the coolant flow field near the perimeter of plate 34. (Column 6, lines 18-27 of Voss.) Voss does not disclose that the first set of at least two heat transfer medium ducts runs perpendicular to the plane of the disks. The PTO has interpreted the inlet manifold 60 and the exhaust manifold 62 of Voss to be the heat transfer medium inlet and the heat transfer medium outlet, respectively, and the fluid flow channel 61 of Voss to be the heat transfer medium ducts. (Paragraph 2 of the Office Action.) However, the fluid flow channel 61 are parallel to the plane of the plate 34, not perpendicular. Thus, Voss does not teach or suggest all the features of claim 11, and, for at least this reason, claim 11 is allowable over the prior art.

Claims 12-24 depend from and contain all the features of claim 11, and are allowable for the reasons indicated above, without regard to the further patentable features contained therein.

For at least these reasons, allowance of claims 11-24 is respectfully requested.

Conclusion

Applicants believe that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a

check or credit card payment form being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicants hereby petition for such extension under 37 C.F.R. §1.136 and authorize payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date 4/28/08

By P.D.S.

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